

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-9 (canceled)

10. (currently amended) A correlation system including a frequency adding means having a predetermined plurality n of multiplying means (EXOR), an adder, a spreader, and a correlator, wherein

~~the plurality n~~ the predetermined plurality n of multiplying means (EXOR) each receive a corresponding frequency component ($F1 - Fn$) and a symbol data $DO(t)$ as a base and multiply both of the corresponding frequency component ($F1-Fn$) and said symbol data $DO(t)$ ~~them~~ to output a multiplied symbol data $D1(t) - Dn(t)$, wherein n and t are integers,

the adder receives said multiplied symbol data $D1(t) - Dn(t)$ from a respective multiplying means (EXOR) and said multiplied symbol data $DO(t)$ as the base and performs an adding process for ~~them~~ said multiplied symbol data and said symbol data $DO(t)$ to output $[[a]]$ said resultant additional ~~addition~~ symbol data $D(t)$,

the spreader receives a spread signal of said addition symbol data $D(t)$ and superposes thereon a spread code $L(t)$ to output a corrected reference signal $R(t)$, and

the correlator receives said corrected reference signal $R(t)$ and a measurement signal $S(t)$ and takes a correlation between ~~them~~ said corrected reference signal $R(t)$ and said measurement signal $S(t)$ to output a correlation output signal.

11. (canceled)

12. (original) A correlation system according to claim 10, wherein the measurement signal $S(t)$ is a reception signal of a spread signal spectrum spread.

13. (canceled).

14. (original) A correlation system according to claim 10, wherein the measurement signal $S(t)$ is a spectrum spread signal of a W-CDMA system.

15. (canceled).

16. (Currently Amended) A correlation method including a frequency adding step having a predetermined plurality n of multiplying step (EXOR), an adding step, a spreading step, and a correlating step, wherein

the predetermined plurality n of multiplying step (EXOR) each receive a corresponding frequency component ($F1 - Fn$) and a symbol data $DO(t)$ as a base and multiply both of ~~them~~ the corresponding frequency component ($F1-Fn$) and said symbol data ($DO(t)$) to output a multiplied symbol data $D1(t) - Dn(t)$, wherein n and t are integers,

the adding step receives said multiplied symbol data $D1(t) - Dn(t)$ from a respective multiplying step (EXOR) and said multiplied symbol data $DO(t)$ as the base and performs an adding process for ~~them~~ said multiplied symbol data and said symbol data $DO(t)$ to output $[[a]]$ said resultant additional addition symbol data $D(t)$,

the spreading step receives a spread signal of said addition symbol data $D(t)$ and superposes thereon a spread code $L(t)$ to output a corrected reference signal $R(t)$, and

the correlating step receives said corrected reference signal $R(t)$ and a measurement signal $S(t)$ and takes a correlation between ~~them~~ said corrected reference signal $R(t)$ and said measurement signal $S(t)$ to output a correlation output signal.

17. (canceled)

18. (Currently Amended) A computer-readable medium embodying a program of instructions for execution by ~~a~~ the computer to perform a correlation method including a frequency adding step having a predetermined plurality n of multiplying step (EXOR), an adding step, a spreading step, and a correlating step, wherein

the predetermined plurality n of multiplying step (EXOR) each receive a corresponding frequency component ($F_1 - F_n$) and a symbol data $DO(t)$ as a base and multiply both of the corresponding frequency component (F_1-F_n) and said symbol data $DO(t)$ ~~them~~ to output a multiplied symbol data $D_1(t) - D_n(t)$, wherein n and t are integers,

the adding step receives said multiplied symbol data $D_1(t) - D_n(t)$ from a respective multiplying step (EXOR) and said multiplied symbol data $D_0(t)$ as the base and performs an adding process for ~~them~~ said multiplied symbol data and said symbol data $DO(t)$ to output said ~~[[a]]~~ resultant additional ~~addition~~ symbol data $D(t)$,

the spreading step receives a spread signal of said addition symbol data $D(t)$, and superposes thereon a spread code $L(t)$ to output a corrected reference signal $R(t)$, and

the correlating step receives said corrected reference signal $R(t)$ and a measurement signal $S(t)$ and takes a correlation between said correctd referene signal $R(t)$ and said measurement signal $S(t)$ ~~them~~ to output a correlation output signal.

19-20. (canceled)

21. (Currently Amended) A correlation system including a frequency adding device having a predetermined plurality n of multiplying device (EXOR), an adder, a spreader, and a correlator, wherein

the predetermined plurality n of multiplying device (EXOR) each receive a corresponding frequency component $(F1 - Fn)$ and a symbol data $DO(t)$ as a base and multiply both of the corresponding frequency component $(F1-Fn)$ and said symbol data $DO(t)$ ~~them~~ to output a multiplied symbol data $D1(t) - Dn(t)$, wherein n and t are integers.

the adder receives said multiplied symbol data $D1(t) - Dn(t)$ from a respective multiplying device (EXOR) and said multiplied symbol data $D0(t)$ as the base and performs an adding process for ~~them~~ said multiplied symbol data and said symbol data $DO(t)$ to output $[[a]]$ said resultant additional ~~addition~~ symbol data $D(t)$,

the spreader receives a spread signal of said addition symbol data $D(t)$ and superposes thereon a spread code $L(t)$ to output a corrected reference signal $R(t)$, and

the correlator receives said corrected reference signal $R(t)$ and a measurement signal $S(t)$ and takes a correlation between said corrected reference signal $R(t)$ and said measurement signal $S(t)$ ~~them~~ to output a correlation output signal.